

Sheet 1 of 2SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 C.F.R. §1.98(b))

Attorney Docket No.	00742/060002
Serial No.	09/848,909
Applicant	R. John Collier et al.
Filing Date	May 4, 2001
Group	Not Yet Assigned
IDS Filed	October 4, 2001
Customer No.	21559

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
VP	5,591,631	1/7/97	Leppla et al.	435	252.3	2/12/93

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
VP	WO 97/23236	3.7.97	WIPO			
VP	WO 99/42473	26.8.99	WIPO			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

VP	Benson et al., "Identification of residues lining the anthrax protective antigen channel," <i>Biochemistry</i> 37:3941-3948 (1998).
	Blaustein et al., "Anthrax toxin: channel-forming activity of protective antigen in planar phospholipid bilayers," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 86:2209-2213 (1989).
	Braha et al., "Designed protein pores as components for biosensors," <i>Chemistry & Biology</i> 4(7):497-505 (1997).
	Elliot et al., "A Quantitative Study of the Interactions of <i>Bacillus anthracis</i> Edema Factor and Lethal Factor with Activated Protective Antigen," <i>Biochemistry</i> 39:6706-6713 (2000).
	Huynh et al., "Probing the structure of the diphtheria toxin channel. Reactivity in planar lipid bilayer membranes of cysteine-substituted mutant channels with methanethiosulfonate derivatives," <i>J. Gen. Physiol.</i> 110:229-242 (1997).
	Miller et al., "Anthrax Protective Antigen: Prepore-to-Pore Conversion," <i>Biochemistry</i> 38(32):10432-10441 (1999).
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	Milne et al., "Protective antigen-binding domain of anthrax lethal factor mediates translocation of a heterologous protein fused to its amino- or carboxy-terminus," <i>Mol. Microbiol.</i> 15(4):661-666 (1995).
VP	Petosa et al., "Crystal structure of the anthrax toxin protective antigen," <i>Nature</i> 385:833-838 (1997).

EXAMINER

DATE CONSIDERED

12/02

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Sheet 2 of 2

**U.S. DEPARTMENT OF COMMERCE
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**INFORMATION DISCLOSURE
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Attorney Docket No. 00742/060002
Serial No. 09/848,909
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

✓	Sellman et al., "Point Mutations in Anthrax Protective Antigen That Block Translocation," <i>J. Biol. Chem.</i> 276:8371 (2001).
	Sellman et al., "Dominant-negative mutants of a toxin subunit: an approach to therapy of anthrax," <i>Science</i> 292:695-697 (2001).
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	Walker et al., "A pore-forming protein with a protease-activated trigger," <i>Protein Engineering</i> 7(1):91-97 (1994).
✓	Wesche et al., "Characterization of Membrane Translocation by Anthrax Protective Antigen," <i>Biochemistry</i> 37:15737-15746 (1998).

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